

10/525,709

=> file caplus

FILE 'CAPLUS' ENTERED AT 11:54:19 ON 26 SEP 2006

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FILE COVERS 1907 - 26 Sep 2006 VOL 145 ISS 14

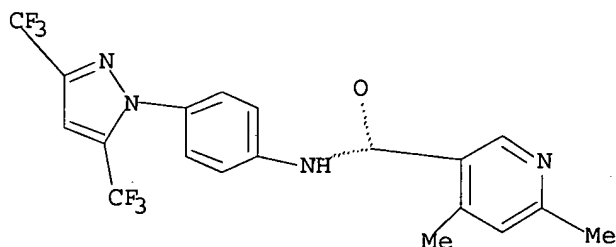
FILE LAST UPDATED: 25 Sep 2006 (20060925/ED)

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=> d que

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 1 SEA FILE=REGISTRY SSS FUL L1

L4 1 SEA FILE=CAPLUS L3

=> d l4 1 ibib abs hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:203827 CAPLUS

DOCUMENT NUMBER: 140:259189

TITLE: Novel crystals

INVENTOR(S): Kubota, Hirokazu; Iwaoka, Kiyoshi; Yamaguchi, Sou; Yokota, Masaki

PATENT ASSIGNEE(S): Yamanouchi Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 16 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

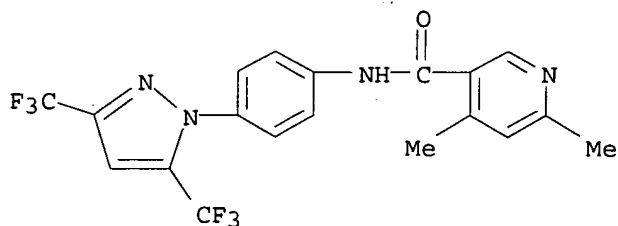
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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10/525,709

WO 2004020433 A1 20040311 WO 2003-JP10769 20030826  
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS,  
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
CA 2495437 AA 20040311 CA 2003-2495437 20030826  
AU 2003257541 A1 20040319 AU 2003-257541 20030826  
EP 1548015 A1 20050629 EP 2003-791292 20030826  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
CN 1678606 A 20051005 CN 2003-820154 20030826  
US 2006069130 A1 20060330 US 2005-525709 20050224  
PRIORITY APPLN. INFO.: JP 2002-246341 A 20020827  
WO 2003-JP10769 W 20030826  
AB Crystals of 4,6-dimethyl-4'-[3,5-bis(trifluoromethyl)-1H-pyrazol-1-yl]nicotinamide having an excellent calcium release-dependent calcium channel inhibitory effect and an excellent IL-2 production inhibitory activity are obtained. It is found out that this compound occurs in two crystal polymorphisms both of which are appropriate as starting materials for producing medicinal compns.  
IT 669769-47-5P  
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of crystals of 4,6-dimethyl-4'-[3,5-bis(trifluoromethyl)-1H-pyrazol-1-yl]nicotinamide)  
RN 669769-47-5 CAPLUS  
CN 3-Pyridinecarboxamide, N-[4-[3,5-bis(trifluoromethyl)-1H-pyrazol-1-yl]phenyl]-4,6-dimethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> => file uspatall

FILE 'USPATFULL' ENTERED AT 11:55:09 ON 26 SEP 2006

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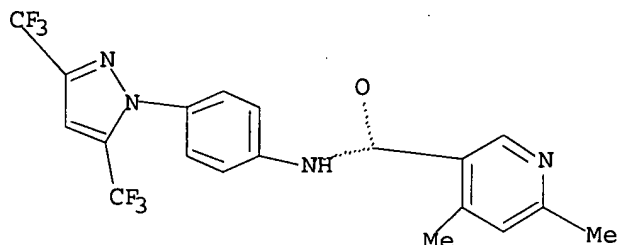
FILE 'USPAT2' ENTERED AT 11:55:09 ON 26 SEP 2006

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=> d que

L1 STR

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Structure attributes must be viewed using STN Express query preparation.

L3 1 SEA FILE=REGISTRY SSS FUL L1

L5 1 SEA L3

=> d 15 ibib abs hitstr

L5 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 2006:81134 USPATFULL

TITLE: Novel crystals

INVENTOR(S): Kubota, Hirokazu, Tsukuba-shi, JAPAN

Iwaoka, Kiyoshi, Takahagi-shi, JAPAN

Yamaguchi, Sou, Tsukuba-shi, JAPAN

Yokota, Masaki, Tsukuba-shi, JAPAN

PATENT ASSIGNEE(S): YAMANOUCI PHARMACEUTICAL CO., LTD., Tokyo, JAPAN  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006069130	A1	20060330
APPLICATION INFO.:	US 2003-525709	A1	20030826 (10)
	WO 2003-JP10769		20030826
			20050224 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 2002-246341	20020827
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SUGHRUE MION, PLLC, 2100 PENNSYLVANIA AVENUE, N.W., SUITE 800, WASHINGTON, DC, 20037, US	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	358	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Obtaining the crystal of 4,6-dimethyl-4'-[3,5-bis(trifluoromethyl)-1H-pyrazol-1-yl]nicotinamide having excellent activity of inhibiting Ca<sub>v</sub>2+ release-activated Ca<sub>v</sub>2+ channel and suppressing IL-2 production to find that the compound includes the presence of two types of polymorphic crystals and that any of the crystals is preferable as a raw material for producing pharmaceutical compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 669769-47-5P

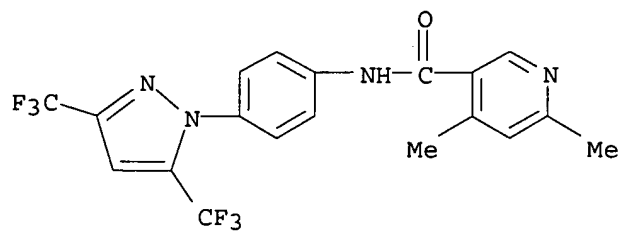
(preparation of crystals of 4,6-dimethyl-4'-[3,5-bis(trifluoromethyl)-1H-pyrazol-1-yl]nicotinamide)

RN 669769-47-5 USPATFULL

CN 3-Pyridinecarboxamide, N-[4-[3,5-bis(trifluoromethyl)-1H-pyrazol-1-

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yl]phenyl]-4,6-dimethyl- (9CI) (CA INDEX NAME)



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